



LCD DISPLAY Receiver

Radio receiver (868 MHz) with level display for stationary LPG tanks



Your benefits

- Comfortable tank level control for LPG tanks (oil, water and other on request)
- Radio range up to 500 m
- Easy and quick installation
- Display optionally in percent or liters (4 digits)
- Warning at level below 20 percent
- Battery and signal monitoring of the radio transmitter



Easily keep an eye on the tank level

The LCD display makes it easy to display and conveniently monitor the level of LPG tanks, e.g. in the living area or office. The device receives the coded signal (868.45 MHz) from up to four RCT radio transmitters type **LEVELview.BASIC.LPG** within a radius of up to 500 m. The levels can be displayed either as percentage or in liters.

Quick installation

During installation of the associated radio transmitter, it is recommended to start the operation of the LCD display near the tank. For this purpose, the device only needs to be connected to a power outlet (230 V) by using the power cable. As soon as the transmitter on the tank is activated, the current level can be read and the assignment is stored.

Securely connect and monitor

A stable radio connection between the transmitter and receiver is essential for trouble-free operation. The selection of the installation location must ensure reliable reception of the radio signal on a permanent basis. The radio signal can be impaired by various structural conditions (e.g. reinforced concrete walls). A suitable 230V socket must be available near the installation place.

When delivered as a set, the receiver is programmed to automatically receive the signal from the included radio transmitter. As soon as the transmitter has made a successful measurement, the tank content is displayed as a percentage value and can alternatively be switched to liter display (4-digit). A red LED, warning and battery symbol indicate a minimum level below 20 percent, a discharged transmitter battery or interrupted radio connection.





Technical Specifications

RADIO RECEIVER

Application	<ul style="list-style-type: none"> Radio receiver with level display for stationary LPG tanks (oil, water and other on request) Automatic radio signal detecting and receiving from up to four RCT radio transmitters type LEVELview.BASIC Parallel use with other radio receivers and data loggers possible
Display options	<ul style="list-style-type: none"> Level in percent (0 ... 99 %) Level in liters (0 ... 9.999 l)
Data reception	Coded radio signal 868.45 MHz
Alarms	<ul style="list-style-type: none"> Warning LED for minimum level below 20 percent Automatic battery monitoring of the transmitter Monitoring of periodical signal reception
Radio range	Up to 500 m (free field)
Frequency	868.45 MHz
Antenna	Internal receiving antenna (external antenna can be retrofitted in case of unfavorable radio conditions)
Operating temperature	0 ... +40°C
Current consumption	Maximum 100 mA
Operating voltage	5 V / DC
Protection type	Indoor use only
Housing	Plastic housing
Dimensions	89 x 82 x 25 mm (L x W x H)
Options	5-digit display for liter display up to 49,999 l



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ITEM INFORMATIONEN

RCT Item No.	1000384
Name	LCD DISPLAY Receiver
Included	<ul style="list-style-type: none"> RF-Receiver LCD (4-digit display) Power supply Wall mount Instruction manual

ACCESSORIES

1000635	External electronic receiving antenna (868 MHz)
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POWER ADAPTER

Power supply	230 V / 50 Hz AC / 5 V DC / 300 mA
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WALL MOUNT

Material	Plastic
Mounting	Simple mounting with two screws (not included in the scope of delivery)

SYMBOLS AND INDICATIONS OF THE DISPLAY

	Level display with tank symbol, display in percent
	„Signal“ flashes on signal reception of the radio transmitter
	Warning triangle, battery symbol, red LED warn in case of discharged battery or interruption of the radio connection
	Red LED warns when minimum level below 20 %



Produced according to DIN ISO 9001:2015

CE CE Conformity Quality Made in Germany

